

**3.P.1.1** Students are able to **describe** physical properties of matter using the senses (touch, smell, etc.).

**Webb Level: 1**

**Bloom: Comprehension**

**Verbs Defined:**

Describe – to tell in words and/or numbers

**Key Terms Defined:**

Physical properties - any characteristic of a material that can be observed without changing it (hardness, texture, flexibility, taste, smell, solid, liquid, gas)

Matter – solid, liquid, gas

**Teacher Speak:**

Students are able to describe (to tell in words or numbers) physical properties (any characteristic of a material that can be observed without changing it – hardness, texture, flexibility, taste, smell, solid, liquid, gas) of matter (solid, liquid, gas) using the senses.

**Student Speak:**

I can tell in words or numbers (describe) characteristic of a solid, liquid, or gas (matter) that can be observed without changing it (physical properties – hardness, texture, flexibility, taste, smell) using the senses.

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**3.P.1.2** Students are able to use tools to **relate** composition to physical properties.

**Webb Level: 4**

**Bloom: Application**

**Verbs Defined:**

Relate – connect

**Key Terms Defined:**

Composition – the materials that make up an object

Physical properties – characteristic of a material that can be observed without changing it

**Teacher Speak:**

Students are able to use tools to relate (connect) composition (the materials that make up an object) to physical properties (characteristic of a material that can be observed without changing it).

**Student Speak:**

I can use tools to connect (relate) the materials that make up an object (composition) to any characteristic of a material that can be observed without changing it (physical properties).

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**3.P.1.3** Students are able to **demonstrate** how a different substance can be made by **combining** two or more substances.

**Webb Level: 4**

**Bloom: Application**

**Verbs Defined:**

Demonstrate – to show

Combining – joining

**Key Terms Defined:**

Different substance – physical mixture

**Teacher Speak:**

Students are able to demonstrate (to show) how a different substance (physical mixture) can be made by combining (to join together) two or more substances.

**Student Speak:**

I can show (demonstrate) how a physical mixture (different substance) can be made by joining (combining) two or more substances.

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**3.P.3.1** Students are able to **define** energy and **differentiate** between sources of renewable and non-renewable energy.

**Webb Level: 2**

**Bloom: Knowledge**

**Verbs Defined:**

Define – to tell or write the meaning of

Differentiate – to tell the difference between

**Key Terms Defined:**

Renewable energy – energy that can be replaced

Non-renewable energy – energy that can not be replaced

Energy – the ability to cause change

**Teacher Speak:**

Students are able to define (to tell or write the meaning of) energy (the ability to cause change) and differentiate (to tell the difference between) sources of renewable energy (energy that can be replaced) and non-renewable energy (energy that can not be replaced).

**Student Speak:**

I can tell or write the meaning of (define) energy.

I can tell the differences between (differentiate) the sources of renewable energy and nonrenewable energy.

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**3.P.3.2** Students are able to **demonstrate** how sound consists of vibrations and pitch.

**Webb Level: 4****Bloom: Application****Verbs Defined:**

Demonstrate – to show

**Key Terms Defined:**

Sound – a series of vibrations that can be heard

Vibration – when particles shake

Pitch – how high or low a sound is

**Teacher Speak:**

Students are able to demonstrate (show) how sound (a series of vibrations that can be heard) consists of vibrations (when particles shake) and pitch (how high or low a sound is).

**Student Speak:**

I can show (demonstrate) how sound can be heard when particles shake (vibrations) and I can compare high or low sound (pitch).

**3.P.3.3** Students are able to **identify** how sound is used as a means of communication.

**Webb Level: 1**

**Bloom: Knowledge**

**Verbs Defined:**

Identify – to tell in words and/or numbers

**Key Terms Defined:**

Sound – a series of vibrations that can be heard

**Teacher Speak:**

Students are able to identify (to tell in words and/or numbers) how sound (a series of vibrations that can be heard) is used as a means of communication.

**Student Speak:**

I can tell in words and/or numbers (identify) how sound is used as a means of communication.